



Attorney Docket No.: PHO 99004CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: *Bennett* ) Art Unit: 2641  
)  
Serial No.: 10/653,039 )  
) Examiner: *Unassigned*  
)  
Filed: 08/29/03 as continuation-in-part of )  
09/439,145 filed 11/12/1999, now U.S. Patent )  
6,633,846 )  
)  
For: *Query engine for processing voice based* )  
*queries including semantic decoding* )  
)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. Regarding the document(s), publication(s) or other information listed on the attached PTO-1449, Applicant believes the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information cited herein.
2. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed before the mailing date of a first Office action on the merits.



Attorney Docket No.: PHO 99004CIP

Respectfully submitted,

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I hereby certify that the foregoing is being deposited with the U.S. Postal Service, postage prepaid, to Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, this 23rd day February 2004.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	3	Application Number	10/653,039
				Filing Date	08/29/2003
				First Named Inventor	Bennett
				Art Unit	2641
				Examiner Name	N/A
				Attorney Docket Number	PHO 99004CIP

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		APPELT, D. & POLLACK, M., "Weighted abduction for plan ascription," believed to be published in SRI International, Technical Note 491, Menlo Park, CA, 1990, 35 pgs.	
		BAKER, COLLIN F., FILLMORE, CHARLES J., & LOWE, JOHN B., "The Berkeley FrameNet project," believed to be published in Proceedings of the COLING-ACL, Montreal, Canada, 1998, 6 pgs.	
		DEJONG, G., "Skimming newspaper stories by computer," New Haven, CT: Department of Computer Science, Yale University, Research Report 104, 1977, pp. 1-31.	
		GRAESSER, A. C., WIEMER-HASTINGS, P., WIEMER-HASTINGS, K., HARTE, D., PERSON, N., and the TRG (in press), "Using latent semantic analysis to evaluate the contributions of students in AutoTutor," Interactive Learning Environments, 33 pgs.	
		GRICE, H. P., "Utterer's meaning and intentions," Philosophical Review, 68(2), 1969, pp.147-177.	
		GROSZ, B. & KRAUS, S., "Collaborative plans for complex group action," believed to be published in Proceedings of the Thirteenth International Joint Conference on Artificial Intelligence (IJCAI '93), Chambéry, France, vol. 1, 1993, 79 pgs.	
		GROSZ, B. J. & SIDNER, C. L., "Attentions, intentions and the structure of discourse," Computational Linguistics, 12, 1986, pp.175-204.	
		HOBBS, J. & EVANS, D., "Conversation as planned behavior," Cognitive Science 4(4), 1980, pp. 349-377.	
		HOBBS, J., STICKLE, M., APPELT, D. & MARTIN P. (1993). "Interpretation as Abduction," believed to be published in Artificial Intelligence, 63(1-2), 68 pgs.	
		LASCARIDES, A. & ASHER, N., "Discourse relations and defeasible knowledge," in Proceedings of the 29th Annual Meeting of the Association for Computational Linguistics (ACL '91), Berkeley, CA, 1991. pp. 55-62.	

Examiner Signature		Date Considered	
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		LASCARIDES, A. & OBERLANDER, J., (1992). "Temporal Coherence and Defeasible Knowledge," believed to be published in Theoretical Linguistics, 19, 34 pgs.	
		LEWIS, D., "Scorekeeping in a language game," Journal of Philosophical Logic 6, 1979, pp. 339-359.	
		LOCHBAUM, K., "Using Collaborative Plans to Model the Intentional Structure of Discourse," PhD thesis, Harvard University, 1994, pp.1-158.	
		MCROY, SUSAN W. and HIRST, GRAEME (1993a). "Abductive explanation of dialogue misunderstandings." believed to be published in Proceedings of the 6th conference of the European chapter of the Association for Computational Linguistics, Utrecht, The Netherlands, pp. 277-286.	
		PERLIS, D., PURANG, K., & ANDERSON C. "Conversational Adequacy: Mistakes are the Essence," Dept. of Computer Science, University of Maryland, College Park MD, January 10, 1997 as found at <a href="http://www.cs.umd.edu/projects/active/active.html">http://www.cs.umd.edu/projects/active/active.html</a> , pp. 1-47.	
		PERRAULT, C. & ALLEN, J., (1980). "A Plan-Based Analysis of Indirect Speech Acts," American Journal of Computational Linguistics, 6(3-4), pp. 167-182.	
		POLLACK, M., "A model of plan inference that distinguishes between the beliefs of actors and observers," in Proceedings of 24th Annual Meeting of the Association for Computational Linguistics, New York, 1986, pp. 207-214.	
		RAYNER, M. & ALSHAWI, H., (1992), "Deriving Database Queries from Logical Forms by Abductive Definition Expansion," believed to be published in Proceedings of the Third Conference of Applied Natural Language Processing, Trento, Italy, pp. 1-8.	
		RIEGER, C., "Conceptual Memory: A Theory and Computer Program for Processing the Meaning Content of Natural Language Utterances," Stanford, CA: Stanford Artificial Intelligence Laboratory, Memo AIM-233, 1974, pp. 1-23.	
		SCHANK, R., "Conceptual Information Processing," New York: Elsevier, 1975, pp.1-21.	

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		SCHANK, R., LEBOWITZ, M., & BIRNBAUM, L., "An integrated understander," American Journal of Computational Linguistics, 6(1), 1980, pp. 13-30.	
		SEARLE, J., "Speech Acts: An Essay in the Philosophy of Language," Cambridge: Cambridge University Press, 1969, pp. 3-53.	
		SPERBER, D. & WILSON, D., "Relevance: Communication and Cognition," Cambridge, MA: Harvard University Press, 1986, pp.1-64.	

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